

Calcoli con misure angolari. Esercizi completi di soluzione guidata.

How to operate with angle measure (Geometry).

Moltiplicazione

1.	$12^{\circ} 11' 7'' \cdot 4$	$48^{\circ} 44' 28''$ soluzione
2.	$7^{\circ} 30' \cdot 3$	$22^{\circ} 30'$ soluzione
3.	$7^{\circ} 11' 9'' \cdot 5$	$35^{\circ} 55' 45''$ soluzione
4.	$12^{\circ} 45'' \cdot 4$	$48^{\circ} 3'$ soluzione
5.	$17^{\circ} 36'' \cdot 3$	$51^{\circ} 1' 48''$ soluzione
6.	$7^{\circ} 24' 11'' \cdot 4$	$29^{\circ} 36' 44''$ soluzione
7.	$3^{\circ} 50' 32'' \cdot 3$	$11^{\circ} 31' 36''$ soluzione
8.	$3^{\circ} 50' 32'' \cdot 12$	$46^{\circ} 6' 24''$ soluzione
9.	$7^{\circ} 30' 35'' \cdot 7$	$52^{\circ} 34' 5''$
10.	$11^{\circ} 23' 15'' \cdot 15$	$172^{\circ} 35' 5''$

Divisione

11.	$24^{\circ} 12' 38'' : 2$	$12^{\circ} 6' 19''$ soluzione
12.	$135^{\circ} 42' 36'' : 3$	$45^{\circ} 14' 12''$ soluzione
13.	$144^{\circ} 41' 34'' : 2$	$72^{\circ} 20' 47''$ soluzione
14.	$227^{\circ} 38' 24'' : 3$	$75^{\circ} 52' 48''$ soluzione
15.	$12^{\circ} 15' 2'' : 2$	$6^{\circ} 7' 31''$ soluzione
16.	$12^{\circ} 17' 3'' : 3$	$4^{\circ} 5' 41''$ soluzione

17.	$32^{\circ} 17' 1'' : 2$	$16^{\circ} 8' 35'',5$ soluzione
18.	$136^{\circ} 42' 15'' : 7$	$19^{\circ} 31' 45''$ soluzione
19.	$40^{\circ} 58' 12'' : 6$	$6^{\circ} 49' 42''$ soluzione
20.	$3^{\circ} 10' 48'' : 9$	$21' 12''$ soluzione
21.	$76^{\circ} 40' : 5$	$15^{\circ} 20'$ soluzione
22.	$106^{\circ} 4' 45'' : 3$	$35^{\circ} 21' 35''$ soluzione
23.	$144^{\circ} 41' 34'' : 2$	$72^{\circ} 20' 47''$ soluzione

24.	$25^{\circ} 51' 21'' : 2$	$12^{\circ} 55' 40'',5$ soluzione
25.	$45^{\circ} 13' 11'' : 4$	$11^{\circ} 18' 17'',75$ soluzione

Soluzioni

$$12^\circ 11' 7'' \cdot 4 =$$

$$\begin{array}{r} 12^\circ 11' 7'' \cdot \\ \underline{\quad\quad\quad 4} = \\ 48^\circ 44' 28'' \end{array}$$

$$7^\circ 30' \cdot 3 =$$

$$\begin{array}{r} 7^\circ 30' \cdot \\ \underline{\quad\quad\quad 3} = \\ 21^\circ \cancel{90''} \\ 1^\circ 30' \\ \underline{\quad\quad\quad} \\ 22^\circ 30' \end{array}$$

$$7^\circ 11' 9'' \cdot 5 =$$

$$\begin{array}{r} 7^\circ 11' 9'' \cdot \\ \underline{\quad\quad\quad 5} = \\ 35^\circ 55' 45'' \end{array}$$

$$12^\circ 45'' \cdot 4 =$$

$$\begin{array}{r} 12^\circ 0' 45'' \cdot \\ \underline{\quad\quad\quad 4} = \\ 48^\circ 0' \cancel{180''} \\ \quad\quad 3' \\ \underline{\quad\quad\quad} \\ 48^\circ 3' \end{array}$$

$$17^\circ 36'' \cdot 3 =$$

$$\begin{array}{r} 17^\circ 0' 36'' \cdot \\ \underline{ 3 =} \\ 51^\circ 0' \color{red}{108''} \\ 1' 48'' \\ \hline 51^\circ 1' 48'' \end{array}$$

$$7^\circ 24' 11'' \cdot 4 =$$

$$\begin{array}{r} 7^\circ 24' 11'' \cdot \\ \underline{ 4 =} \\ 28^\circ \color{red}{96'} 44'' \\ 1^\circ 36' \\ \hline 29^\circ 36' 44'' \end{array}$$

$$3^\circ 50' 32'' \cdot 3 =$$

$$\begin{array}{r} 3^\circ 50' 32'' \cdot \\ \underline{ 3 =} \\ 9^\circ 150' \color{red}{96''} \\ 1' 36'' \\ \hline 9^\circ \color{red}{151'} 36'' \\ 2^\circ 31' \\ \hline 11^\circ 31' 36'' \end{array}$$

$$3^\circ 50' 32'' \cdot 12 =$$

$$\begin{array}{r} 3^\circ 50' 32'' \cdot \\ \underline{ 12 =} \\ 36^\circ 600' \color{red}{384''} \\ 6' 24'' \\ \hline 36 \color{red}{606'} 24'' \\ 10^\circ 6' \\ \hline 46^\circ 6' 24'' \end{array}$$

$$7^{\circ} 30' 35'' \cdot 7 =$$

$$\begin{array}{r} 7^{\circ} 30' 35'' \cdot \\ \underline{\phantom{7^{\circ} 30' 35''} 7} = \\ 49^{\circ} 210' 245'' \\ \phantom{49^{\circ}} 4' 5'' \\ \hline 49 \phantom{^{\circ}} \cancel{214'} 5'' \\ 3^{\circ} 34' \\ \hline 52^{\circ} 34' 5'' \end{array}$$

$$11^{\circ} 23' 15'' \cdot 15 =$$

$$\begin{array}{r} 11^{\circ} 30' 15'' \cdot \\ \underline{\phantom{11^{\circ} 30' 15''} 15} = \\ 165^{\circ} 450' 225'' \\ \phantom{165^{\circ}} 3' 45'' \\ \hline 165^{\circ} \cancel{453'} 5'' \\ \phantom{165^{\circ}} 7^{\circ} 33' \\ \hline 172^{\circ} 35' 5'' \end{array}$$

Divisioni

$$24^{\circ} 12' 38'' : 2 =$$

$$24^{\circ} 12' 38'' : 2 = 12^{\circ} 6' 19''$$

$$135^{\circ} 42' 36'' : 3 =$$

$$135^{\circ} 42' 36'' : 3 = 45^{\circ} 14' 12''$$

$$144^{\circ} 41' 34'' : 2 =$$

$$144^{\circ} 41' 34'' : 2 = 72^{\circ} 20' 47''$$

$$\begin{array}{r} 0 \quad 1' \rightarrow \frac{60''}{94''} \\ \text{resto} \quad 0 \end{array}$$

$$227^{\circ} 38' 24'' : 3 =$$

$$227^{\circ} 38' 24'' : 3 = 75^{\circ} 52' 48''$$

$$\begin{array}{r} 2^{\circ} \rightarrow \frac{120'}{158'} \\ \quad 2 \rightarrow \frac{120''}{144''} \\ \text{resto} \quad 0 \end{array}$$

$$12^{\circ} \ 15' \ 2'' : 2 =$$

$$12^{\circ} \ 15' \ 2'' : 2 = 6^{\circ} \ 7' \ 31''$$

$$\begin{array}{r} 1' \rightarrow \underline{60''} \\ 62'' \\ \text{resto} 0 \end{array}$$

$$12^{\circ} \ 11' \ 3'' : 3 =$$

$$12^{\circ} \ 17' \ 3'' : 3 = 4^{\circ} \ 5' \ 41''$$

$$\begin{array}{r} 0 \\ 2' \rightarrow \underline{120''} \\ 123'' \\ \text{resto} 0 \end{array}$$

$$136^{\circ} \ 42' \ 15'' : 7$$

$$136^{\circ} \ 42' \ 15'' : 7 = 19^{\circ} \ 31' \ 45''$$

$$\begin{array}{r} 3^{\circ} \rightarrow \underline{180'} \\ \phantom{3^{\circ} \rightarrow} 222' \\ \phantom{3^{\circ} \rightarrow} 5' \rightarrow \underline{300''} \\ \phantom{3^{\circ} \rightarrow} 315'' \\ \text{resto} \phantom{3^{\circ} \rightarrow} 0 \end{array}$$

$$40^{\circ} \ 58' \ 12'' : 6 =$$

$$40^{\circ} \ 58' \ 12'' : 6 = 6^{\circ} \ 49' \ 42''$$

$$\begin{array}{r} 4^{\circ} \rightarrow \underline{240'} \\ \phantom{4^{\circ} \rightarrow} 298' \\ \phantom{4^{\circ} \rightarrow} 4' \rightarrow \underline{240''} \\ \phantom{4^{\circ} \rightarrow} 252'' \\ \text{Resto} \phantom{4^{\circ} \rightarrow} 0'' \end{array}$$

$$3^\circ 10' 48'' : 9 =$$

$$\begin{array}{r} 3^\circ \quad 10' \quad 48'' : 9 = 0^\circ 21' 12'' \\ 3^\circ > 180' \\ \hline 190' \\ 1' > 60'' \\ \hline 108'' \text{ resto } 0 \end{array}$$

$$76^\circ 40' : 5$$

$$\begin{array}{r} 76^\circ \quad 40' : 5 = 15^\circ 20' \\ 1^\circ > 60' \\ \hline 100' \end{array}$$

$$106^\circ 4' 45'' : 3$$

$$\begin{array}{r} 106^\circ \quad 4' \quad 45'' : 3 = 35^\circ 21' 35'' \\ 1^\circ = \frac{60'}{64'} \\ 1' = \frac{60''}{105''} \end{array}$$

$$144^\circ 41' 34'' : 2 =$$

$$\begin{array}{r} 144^\circ 41' 34'' : 2 = 72^\circ 20' 47'' \\ 1' = 60'' \\ 94'' \end{array}$$

$$25^{\circ} 51' 21'' : 2 =$$

$$25^{\circ} 51' 21'' : 2 = 12^{\circ} 55' 40'',5$$

$$\begin{array}{r} 1^{\circ} \rightarrow \underline{60'} \\ 111' \\ 1' \rightarrow \underline{60''} \\ 81'' \\ \text{Resto} \quad 1'' \end{array}$$

$$45^{\circ} 13' 11'' : 4 =$$

$$45^{\circ} 13' 11'' : 4 = 11^{\circ} 18' 17'',75$$

$$\begin{array}{r} 1^{\circ} \rightarrow \underline{60'} \\ 73' \\ 1' \rightarrow \underline{60''} \\ 71'' \\ \text{Resto} \quad 3'' \end{array}$$

